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(54) **CELL FUNCTION ASSAY**

(57) Abstract:

PROBLEM TO BE SOLVED: To provide a new method for assaying cell function by assaying productivity of myeloperoxidase or matrix metalloproteinase in a further simplified assay system by using whole blood.

SOLUTION: Blood is brought into contact with a material

having such uneven surface as to be 0.2-10 μ m in centerline average roughness Ra value and 5-20 μ m in unevenness average spacing Sm value to induce production of myeloperoxidase (or matrix metalloproteinase), thus assaying the production of the enzyme.

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